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<110> Xenon Genetics, Inc.
Warner-Lambert Company, LLC

<120> Novel Therapeutic Target for Treating Vascular Diseases, Dyslipidemias and Related Disorders

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Gln Leu Phe Thr Asp Gln Thr Ser Ile His Arg His Val Ala Thr Gln
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Asn Pro Leu Lys Glu Cys Leu Pro His Ser His Asp Val Ser Ala Trp
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Gly Ser Glu Glu Gly Glu Val Leu Leu Tyr Tyr Cys Tyr His Asp Leu
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Phe Glu Glu Ile Val Pro Met Gly Ile Ser Pro Lys Lys Ile Ser Tyr
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Lys Lys Pro Gly Ile His Leu Ser Pro Gly Glu Phe His Lys Glu Val
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Leu Asp Cys Arg Asn Phe Tyr Glu Ser Lys Ile Gly Arg Phe Gln Gly
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Cys Leu Ala Pro Asp Ile Arg Lys Phe Ser Tyr Phe Pro Ser Tyr Val
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Asp Lys Asn Leu Glu Leu Phe Arg Glu Lys Arg Val Leu Met Tyr Cys
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Thr Gly Gly Ile Arg Cys Glu Arg Gly Ser Ala Tyr Leu Lys Ala Lys
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Gly Val Cys Lys Glu Val Phe Gln Leu Lys Gly Gly Ile His Lys Tyr
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Phe Thr Ala Cys Cys Val Thr Cys Gln Asp Lys Gly Ser Arg Lys Val
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Ser Leu Lys Ala Glu Leu Asp Gly Ser Thr Lys Lys Lys Tyr Ser Phe
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Ala Lys Lys Lys Ala Phe Ala Leu Phe Val Lys Thr Lys Glu Val Pro
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Thr Lys Arg Ser Phe Glu Cys Lys Glu Lys Leu Trp Lys Cys Cys Arg
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Gln Leu Phe Thr Asp Gln Thr Ser Ile His Arg His Val Ala Thr Gln
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His Ala Asp Glu Ile Tyr His Gln Thr Ala Ser Ile Leu Lys Gln Leu
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Gly Ser Glu Glu Gly Glu Val Leu Leu Tyr Tyr Cys Tyr His Asp Leu
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Glu Asp Pro Gln Trp Ile Cys Ala Trp Gln Thr Ala Leu Cys Gln His
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Thr Val Gly Gly Ser Lys Leu Ala Thr Arg Leu Tyr Val Glu Val Met
225 230 235 240

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Lys Lys Pro Gly Ile His Leu Ser Pro Gly Glu Phe His Lys Glu Val
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Glu Lys Phe Leu Ser Gln Ala Asn Gln Glu Gln Ser Asp Thr Ile Leu
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Leu Asp Cys Arg Asn Phe Tyr Glu Ser Lys Ile Gly Arg Phe Gln Gly
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Cys Leu Ala Pro Asp Ile Arg Lys Phe Ser Tyr Phe Pro Ser Tyr Val
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Asp Lys Asn Leu Glu Leu Phe Arg Glu Lys Arg Val Leu Met Tyr Cys
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35 40 45

Ser Leu Lys Ala Glu Leu Asp Gly Ser Thr Lys Lys Lys Tyr Ser Phe
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Ala Lys Lys Lys Ala Phe Ala Leu Phe Val Lys Thr Lys Glu Val Pro
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Thr Lys Arg Ser Phe Glu Cys Lys Glu Lys Leu Trp Lys Cys Cys Arg
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Gln Leu Phe Thr Asp Gln Thr Ser Ile His Arg His Val Ala Thr Gln
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His Ala Asp Glu Ile Tyr His Gln Thr Ala Ser Ile Leu Lys Gln Leu
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Ala Val Thr Leu Ser Thr Ser Lys Ser Leu Ser Ser Ala Asp Glu Lys
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Asn Pro Leu Lys Glu Cys Leu Pro His Ser His Asp Val Ser Ala Trp
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Leu Pro Asp Ile Ser Cys Phe Asn Pro Asp Glu Leu Ile Ser Gly Gln
165 170 175

Gly Ser Glu Glu Gly Glu Val Leu Leu Tyr Tyr Cys Tyr His Asp Leu
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Glu Asp Pro Gln Trp Ile Cys Ala Trp Gln Thr Ala Leu Cys Gln His
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Thr Val Gly Gly Ser Lys Leu Ala Thr Arg Leu Tyr Val Glu Val Met
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Leu Ser Phe Pro Leu Phe Lys Asp Asp Leu Cys Lys Asp Asp Phe Lys
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Thr Ser Lys Gly Gly Ala His Cys Phe Pro Glu Leu Arg Val Gly Val
            260                 265                 270

Phe Glu Glu Ile Val Pro Met Gly Ile Ser Pro Lys Lys Ile Ser Tyr
        275                 280                 285

Lys Lys Pro Gly Ile His Leu Ser Pro Gly Glu Phe His Lys Glu Val
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Glu Lys Phe Leu Ser Gln Ala Asn Gln Glu Gln Ser Asp Thr Ile Leu
305                 310                 315                 320

Leu Asp Cys Arg Asn Phe Tyr Glu Ser Lys Ile Gly Arg Phe Gln Gly
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Cys Leu Ala Pro Asp Ile Arg Lys Phe Ser Tyr Phe Pro Ser Tyr Val
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Asp Lys Asn Leu Glu Leu Phe Arg Glu Lys Arg Val Leu Met Tyr Cys
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Thr Gly Gly Ile Arg Cys Glu Arg Gly Ser Ala Tyr Leu Lys Ala Lys
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Gly Val Cys Lys Glu Val Phe Gln Leu Lys Gly Gly Ile His Lys Tyr
385                 390                 395                 400

Leu Glu Glu Phe Pro Asp Gly Phe Tyr Lys Gly Lys Leu Phe Val Phe
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Asp Glu Arg Tyr Ala Leu Ser Tyr Asn Ser Asp Val Val Ser Glu Cys
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Ser Tyr Cys Gly Ala Arg Trp Asp Gln Tyr Lys Leu Cys Ser Thr Pro
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Pro Val Pro Pro Ala Arg Phe Asp Leu Pro Cys Leu Ser Arg Thr Arg
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Phe Ser Asp Leu Asp Leu Lys Asp Met Ser Leu Ile Asn Pro Ser Ser
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Ser Leu Lys Ala Glu Leu Asp Gly Ser Thr Lys Lys Lys Tyr Ser Phe
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Ala Lys Lys Lys Ala Phe Ala Leu Phe Val Lys Thr Lys Glu Val Pro
65                  70                  75                  80

Thr Lys Arg Ser Phe Glu Cys Lys Glu Lys Leu Trp Lys Cys Cys Arg
                85                  90                  95

Gln Leu Phe Thr Asp Gln Thr Ser Ile His Arg His Val Ala Thr Gln
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His Ala Asp Glu Ile Tyr His Gln Thr Ala Ser Ile Leu Lys Gln Leu
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Ala Val Thr Leu Ser Thr Ser Lys Ser Leu Ser Ser Ala Asp Glu Lys
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Asn Pro Leu Lys Glu Cys Leu Pro His Ser His Asp Val Ser Ala Trp
145                 150                 155                 160

Leu Pro Asp Ile Ser Cys Phe Asn Pro Asp Glu Leu Ile Ser Gly Gln
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Gly Ser Glu Glu Gly Glu Val Leu Leu Tyr Tyr Cys Tyr His Asp Leu
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Glu Asp Pro Gln Trp Ile Cys Ala Trp Gln Thr Ala Leu Cys Gln His
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Leu His Leu Thr Gly Lys Ile Arg Ile Ala Ala Glu Gly Ile Asn Gly
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Thr Val Gly Gly Ser Lys Leu Ala Thr Arg Leu Tyr Val Glu Val Met
225                 230                 235                 240

Leu Ser Phe Pro Leu Phe Lys Asp Asp Leu Cys Lys Asp Asp Phe Lys
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Thr Ser Lys Gly Gly Ala His Cys Phe Pro Glu Leu Arg Val Gly Val
            260                 265                 270

Phe Glu Glu Ile Val Pro Met Gly Ile Ser Pro Lys Lys Ile Ser Tyr
        275                 280                 285

Lys Lys Pro Gly Ile His Leu Ser Pro Gly Glu Phe His Lys Glu Val
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Glu Lys Phe Leu Ser Gln Ala Asn Gln Glu Gln Ser Asp Thr Ile Leu
305                 310                 315                 320

Leu Asp Cys Arg Asn Phe Tyr Glu Ser Lys Ile Gly Arg Phe Gln Gly
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Cys Leu Ala Pro Asp Ile Arg Lys Phe Ser Tyr Phe Pro Ser Tyr Val
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Asp Lys Asn Leu Glu Leu Phe Arg Glu Lys Arg Val Leu Met Tyr Cys
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Thr Gly Gly Ile Arg Cys Glu Arg Gly Ser Ala Tyr Leu Lys Ala Lys
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Gly Val Cys Lys Glu Val Phe Gln Leu Lys Gly Gly Ile His Lys Tyr
385 390 395 400

Leu Glu Glu Phe Pro Asp Gly Phe Tyr Lys Gly Lys Leu Phe Val Phe
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Asp Glu Arg Tyr Ala Leu Ser Tyr Asn Ser Asp Val Val Ser Glu Cys
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Ser Tyr Cys Gly Ala Arg Trp Asp Gln Tyr Lys Leu Cys Ser Thr Pro
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Gln Cys Arg Gln Leu Val Leu Thr Cys Pro Ala Cys Gln Gly Gln Gly
450 455 460

Phe Thr Ala Cys Cys Val Thr Cys Gln Asp Lys Gly Ser Arg Lys Val
465 470 475 480

Ser Gly Pro Met Gln Asp Ser Phe Lys Glu Glu Cys Glu Cys Thr Ala
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Arg Arg Pro Arg Ile Pro Arg Glu Leu Leu Gln His Val Arg Gln Pro
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<212> DNA
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<212> DNA
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<212> DNA
<213> Homo sapiens

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